

1 **CLAIMS**

- 2       1.    A method comprising:
- 3       identifying a selected permission level associated with a child's access to a
- 4       Web server;
- 5       obtaining a relationship ticket from an authentication server;
- 6       generating a request to set the selected permission level;
- 7       sending the request and the relationship ticket to the Web server; and
- 8       receiving a success code from the Web server if the selected permission
- 9       level is established.
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- 11       2.    A method as recited in claim 1 further including receiving a failure
- 12       notification from the Web server if the selected permission level is not established.
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- 14       3.    A method as recited in claim 1 wherein sending the request to the
- 15       Web server includes using an untrusted connection with the Web server.
- 16
- 17       4.    A method as recited in claim 1 wherein the request to the Web server
- 18       is sent using an unsecure connection with the Web server.
- 19
- 20       5.    A method as recited in claim 1 wherein the relationship ticket is
- 21       encrypted by the authentication server.
- 22
- 23       6.    A method as recited in claim 1 wherein the selected permission level
- 24       is established if the relationship ticket is authenticated.
- 25

1           7. A method as recited in claim 1 wherein the relationship ticket  
2 includes the child's identity.

3  
4           8. A method as recited in claim 1 wherein the relationship ticket  
5 includes a parent's identity.

6  
7           9. A method as recited in claim 1 wherein the relationship ticket  
8 includes:

9           the child's identity;

10          a parent's identity; and

11          a relationship between the child and the parent.

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13          10. A method as recited in claim 1 wherein the authentication server is a  
14 .NET Passport server.

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16          11. A method as recited in claim 1 wherein selecting a permission level  
17 associated with a child's usage of a web site is performed by a parent of the child.

18  
19          12. One or more computer-readable memories containing a computer  
20 program that is executable by a processor to perform the method recited in claim

21 1.  
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23  
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1           **13.**    A method comprising:  
2           identifying a selected permission level associated with a user's access to a  
3           Web server;  
4           obtaining a relationship ticket from an authentication server;  
5           generating a request to set the selected permission level;  
6           sending the request and the relationship ticket to the Web server via an  
7           unsecure connection; and  
8           receiving a success code from the Web server if the selected permission  
9           level is established.

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11           **14.**    A method as recited in claim 13 wherein the relationship ticket is  
12           encrypted by the authentication server.

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14           **15.**    A method as recited in claim 13 wherein the relationship ticket is  
15           encrypted by the authentication server, and wherein the relationship ticket is  
16           decrypted by the Web server.

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18           **16.**    A method as recited in claim 13 wherein the user is an employee  
19           and the permission level is selected by an employer of the employee.

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21           **17.**    A method as recited in claim 16 wherein the relationship ticket  
22           includes the employee's identity and the employer's identity.  
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1           **18.**   One or more computer-readable memories containing a computer  
2 program that is executable by a processor to perform the method recited in claim

3 13.

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5           **19.**   A method comprising:  
6           identifying a modified permission level associated with a user's access to a  
7 Web service;  
8           obtaining an encrypted relationship ticket from an authentication server;  
9           generating a request to modify the selected permission level associated with  
10 the user's access to the Web service;  
11           sending the request and the encrypted relationship ticket to the Web service  
12 via an unsecure connection; and  
13           receiving a success code from the Web service if the modified permission  
14 level is established.

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16           **20.**   A method as recited in claim 19 further comprising receiving a  
17 failure notification from the Web service if the modified permission level is not  
18 established.

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20           **21.**   A method as recited in claim 19 wherein the modified permission  
21 level is established if the encrypted relationship ticket is authenticated by the Web  
22 service.

1           **22.**    A method as recited in claim 19 wherein the encrypted relationship  
2 ticket includes the user's identity.

3  
4           **23.**    One or more computer-readable memories containing a computer  
5 program that is executable by a processor to perform the method recited in claim  
6 19.

7  
8           **24.**    An apparatus comprising:  
9           an interface to receive requests to establish Web access permissions via an  
10 unsecure communication link;  
11           a storage device to store manager-associate relationship information; and  
12           a processor coupled to the interface and the storage device, the processor to  
13 receive a relationship ticket from a client device and decrypt the relationship  
14 ticket, the processor further to authenticate the relationship ticket and establish the  
15 requested Web access permissions if the relationship ticket is authenticated.

16  
17           **25.**    An apparatus as recited in claim 24 wherein the processor is further  
18 to generate a success code if the relationship ticket is authenticated.

19  
20           **26.**    An apparatus as recited in claim 24 wherein the processor is further  
21 to generate a failure notification if the relationship ticket is not authenticated.

22  
23           **27.**    An apparatus as recited in claim 24 wherein the storage device  
24 further stores Web access permission information.

1       **28.** One or more computer-readable media having stored thereon a  
2 computer program that, when executed by one or more processors, causes the one  
3 or more processors to:

4       select a permission level associated with an associate's access to a Web  
5 server;

6       obtain a relationship ticket from an authentication server;

7       generate a request to set the selected permission level;

8       send the request and the relationship ticket to the Web server via an  
9 unsecure communication link; and

10       receive a success code from the Web server if the requested permission  
11 level is established.

12  
13       **29.** One or more computer-readable media as recited in claim 28  
14 wherein the relationship ticket is encrypted by the authentication server and  
15 decrypted by the Web server.

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17       **30.** One or more computer-readable media as recited in claim 28  
18 wherein the relationship ticket includes the associate's identity.

19  
20       **31.** One or more computer-readable media as recited in claim 28  
21 wherein the relationship ticket includes a manager's identity.